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## Resume of James A. Miller, 1981

Miller, James A.

Monterey, California: Naval Postgraduate School

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## RESUME OF JAMES A. MILLER

James Miller was born in Los Angeles, California in 1932 and attended Stanford University. He was awarded the Bachelor of Science degree in Mechanical Engineering in 1955. Subsequently he was employed by the Stanford Research Institute while pursuing further graduate study at Stanford earning the Master of Science degree in Mechanical Engineering in 1957. He was then appointed Instructor in Mechanical Engineering at the Illinois Institute of Technology. Further graduate studies at the Illinois Institute of Technology lead to the award of the Doctor of Philosophy degree in Mechanical Engineering in 1963. His dissertation entitled, "Transition in Oscillating Blasius Flow," was carried out under the direction of Professor Andrew Fejer.



Professor Miller has been a consultant to the IIT Research Institute, the Chrysler Motor Car Company and more than a score of major industrial firms. He is presently a consultant to the Ship Systems Command on problems of gas turbine regenerator and waste heat boiler fouling. He serves as a consultant to the Naval Civil Engineering Laboratory on problems of energy conservation and is a member of the Heat Transfer Panel of the Navy Aeroballistics Advisory Committee.

Professor Miller has been a member of the Fluid Mechanics Committee of the ASME since 1968. In 1975-76 he was Visiting Professor of Applied Mechanics at the Georg - August University in Goettingen, Germany and a visiting Staff Scientist at the Max-Planck Institute for Fluid Mechanics Research. Professor Miller served as the General Chairman of the Heat Transfer and Fluid Mechanics Institute in 1965-66 and as Chairman of the International Symposium on Nonsteady Fluid Dynamics in 1978.

Since 1963 he has been employed by the Naval Postgraduate School as Associate Professor of Aeronautics. His current research interests lie in the fields of gas turbine propulsion, nonsteady boundary layer flows, the structure of turbulence, hemodynamics, and energy conservation.

Professor Miller is a member of the ASME, the Society of the Sigma Xi and an individual member of the International Centre for Heat and Mass Transfer.